

ALBATROSS

20099

to

20130

Angle of 35° - Depth = $\frac{5}{6}$ 7 wire out
" " 48° - " = $\frac{2}{3}$ " " "
" " 60° - " = $\frac{1}{2}$ " " "

$$\begin{array}{r} 11200 \\ 33 \\ \hline 165 \end{array}$$



20-minute hauls

Station A

temps, vertical #20 (unless
many diatoms in net)

B (Haddock)

temps, vert. surface
net + closing

C, D, E, F, G, H

temps, $\frac{1}{2}$ m, closing (open),
net + #20 at surface

Station I (off C. Charles)

temps. + vert.

Station No. C-20099 Date: April 12 19120

Hour: 12.50 P. M. to 1:55 P. M.

Position: Lat. 44-15-00 Long. 67-53-00

Chart C + GS 1106
Locality: Off Bar Harbor

Depth: 73 m Bottom: — Sample: —

Wind: Direction, SSW Force, 2

Sea: Smooth Sky: Overcast

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth <i>meters</i>	TIME		Speed
		Down	Up	
Vertical (1/2 m)	70-0		7:11	
Miter (cable net 50m L30-40)	40-0	1:20	1:50	
Miter #20	} 0	1:20	1:50	

11-5314

NOTES

All nets except vertical towed 30 min.

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
Vertical $\frac{1}{2}$ mile	225-0	PM		
Closing/open haul fall out 12 m. $\angle 45^\circ$	115-0	5:25	6:00	
Miles cable out 75 m. $\angle 45^\circ$	50-0	5:25	6:00	
Miles #20	}	5:25	5:55	

11-5314

NOTES

All nets kept vertical towed 30 min.

Station No. *C-20101* Date: *Apr. 12* 19*20*Hour: *9:30* *P*. M. to *10:45* *P*. M.Position: Lat. *43-53-00* Long. *66-51-00*
Chart C & G S 1106

Locality:

Depth: *150 meters* Bottom: *—* Sample: *—*Wind: Direction, *SE x S* Force, *3*Sea: *Smooth* Sky: *Cloudy**Air 46 = 7.78*

TEMPERATURES

Depth meters	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	<i>200 A</i>	<i>39.2</i>	<i>—</i>	<i>+ .5</i>	<i>4.28</i>	<i>✓</i>	<i>9-13#</i>
20	<i>N. 2.20874</i>	<i>3.48</i>	<i>6</i>	<i>-.09</i>	<i>3.39</i>	<i>✓</i>	<i>4</i>
40	<i>" 20873</i>	<i>3.80</i>	<i>5.5</i>	<i>-.13</i>	<i>3.67</i>	<i>✓</i>	<i>2</i>
100	<i>" 20875</i>	<i>4.62</i>	<i>5.</i>	<i>-.05</i>	<i>4.58</i>	<i>✓</i>	<i>6</i>
140	<i>R. 11499</i>	<i>4.70</i>	<i>4.5</i>	<i>+ .01</i>	<i>4.71</i>	<i>✓</i>	<i>10.</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth <i>meters</i>	TIME		Speed
		Down	Up	
Vertical (1/2 m)	150-0	<i>Rm</i>		
Meter, cable out 130m / 35	105-0	10:08	10:43	
Meter 12"	0	10:08	10:40	

11-5314

NOTES

Vertical haul too scant to be measurable,

Mod. Diatom

Meter - very scanty.

All nets kept vertical towed 30 min.

Station No. 20402

Hour: 2:15 A . M. to 3:20 A . M.

Position: Lat. 43-42-00 Long. 66-21-00
Chart C+GS 1106

Locality:

Depth: 66 m. Bottom: — Sample: —

Wind: Direction, SE Force, H
Air 46 = 7.78

Sea: Smooth Sky: Cloudy

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0 m	B S. #						GB
0	For A	28.5		-.5	2.89	✓	
20	" 20872	3.30	4	-.01	3.26	✓	1
40	" 20872	3.10	4	-.10	3.00	✓	2
60	" 20874	2.90	4	-.17	2.83	✓	2

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Vertical (1/2 m)	60-0	11:11		
1. 100 m. net	30-0	2:45	3:12	
Notes	0	2:45	3:12	

11-5314

NOTES

1. 100 m. net
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 97. 100 m. net
 98. 100 m. net
 99. 100 m. net
 100. 100 m. net

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Net 1/2 m	0-10	11:20	11:25	
Net, cable net 60m 25	50-60	11:27	11:30	
# 20	50	11:27	11:30	

11-5314

NOTES

Net 1/2 m - practically nothing
collected.

20 - with collection

Net - Planchet machine

Net - surface - carried away

Net # 20 - net, towed 30 min.

NETS, ETC., USED

Description	Depth fathoms	TIME		Speed
		Down	Up	
Vertical (1/2 m)	45-0	6:12		
100 ft., about 20	40 25-0	6:20	6:25	
Bottom and # 50	}	6:20	6:22	

11-5314

NOTES

20 - very rich bottom

Found 4 quartz P. lenticularis
also with something else
Sample saved

Sample P. lenticularis

All net, except vertical toward 100 ft.

#17

Station No. *C 20105* Date: *May 15* 191*0*

Hour: *9:12 P* . M. to *10:35 P* . M.

Position: Lat. *42°58'* Long. *65°58'*
Chart C & GS 1106

Locality:

Depth: *134 meters* Bottom: *—* Sample: *—*

Wind: Direction, *SW* Force, *3*

Sea: *Choppy* Sky: *Clear*

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>B.S. #</i>						
<i>1</i>	<i>20057</i>	<i>3.8</i>		<i>-.1</i>	<i>3.7</i>	<i>✓</i>	
<i>2</i>	<i>20057</i>	<i>3.70</i>	<i>5.</i>	<i>-.19</i>	<i>3.51</i>	<i>✓</i>	<i>1</i>
<i>35</i>	<i>"</i>	<i>3.20</i>	<i>3.5</i>	<i>-.1</i>	<i>3.10</i>	<i>✓</i>	
<i>75</i>	<i>" 20875</i>	<i>3.20</i>	<i>4.5</i>	<i>-.1</i>	<i>3.10</i>	<i>✓</i>	<i>1</i>
<i>125</i>	<i>" 11499</i>	<i>3.16</i>	<i>4.</i>	<i>-.01</i>	<i>3.15</i>	<i>✓</i>	<i>10</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
125-0	125-0	PN		
10:00 10:30	50-0	10:00	10:30	
10:00 10:30		10:00	10:30	

11-5311

NOTES

Vertical net down 10:00
 10:30 net vertical down 10:30

Station No. *C-10106* Date: *Apr 12* 191*8*

Hour: *12:30 A* . M. to *1:35 A* . M.

Position: Lat. *42-39* Long. *66-01*

Locality:

Depth: *83 m* Bottom: *—* Sample: *—*

Wind: Direction, *SSW* Force, *3*
Air 45 = 7.22

Sea: *Choppy* Sky: *Cloud*

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>P.S. #</i>						<i>GR</i>
<i>0</i>	<i>6100 H</i>	<i>3.8</i>	<i>—</i>	<i>7.5</i>	<i>3.1-1</i>	<i>✓</i>	
<i>20</i>	<i>W. 20370</i>	<i>3.50</i>	<i>5.5</i>	<i>-1.0</i>	<i>2.50</i>	<i>✓</i>	<i>5</i>
<i>40</i>	<i>" 20975</i>	<i>3.40</i>	<i>5.</i>	<i>-1.1</i>	<i>2.3</i>	<i>✓</i>	<i>6</i>
<i>80</i>	<i>R. 11499</i>	<i>3.34</i>	<i>4.5</i>	<i>-1.2</i>	<i>2.12</i>	<i>✓</i>	<i>10</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth Meters	TIME		Speed
		Down	Up	
Vertical (1/2 hr)	50-0			
Net. 1/2 hr. 225	40-0	1:00	1:30	
Net. 1/2 hr. 225 } # 29	0	1:00	1:30	

11-5311

NOTES

Vertical, bottom, all the
net, 1/2 hr. 225, 1/2 hr. 225
many eggs in net
All net, 1/2 hr. 225, 1/2 hr. 225

Station No. C. 20107

Date: Apr 10

1911

Hour: 4:36 A . M. to 5:55 A . M.

Position: Lat. 42-19 Long. 66-42

Locality: E. Channel

Depth: 240 m Bottom: — Sample: —

Wind: Direction, SSW Force, 3

Sea: Chopping swell Sky: Cloudy

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<u>Surf</u>	<u>B.S. #</u>						<u>6A</u>
<u>0</u>	<u>40054</u>	<u>37.5</u>	<u>—</u>	<u>+0.5</u>	<u>3.33</u>	<u>✓</u>	
<u>20</u>	<u>B. 11409</u>	<u>3.10</u>	<u>—</u>	<u>0</u>	<u>3.10</u>	<u>✓</u>	<u>10</u>
<u>40</u>	<u>40054</u>	<u>3.01</u>	<u>—</u>	<u>-0.5</u>	<u>2.51</u>	<u>✓</u>	<u>5</u>
<u>100</u>	<u>" 20875</u>	<u>5.70</u>	<u>—</u>	<u>-0.0</u>	<u>5.66</u>	<u>✓</u>	<u>2</u>
<u>170</u>	<u>" 40054</u>	<u>7.46</u>	<u>—</u>	<u>+0.5</u>	<u>7.45</u>	<u>✓</u>	<u>4</u>
<u>240</u>	<u>" 40155</u>	<u>6.11</u>	<u>5</u>	<u>-0.0</u>	<u>6.07</u>	<u>✓</u>	<u>8</u>
<u>Stem temp. 7.9</u>							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Vertical (1 1/2 m)	2100	5:19		
Hel. net 250	1100	5:20	5:53	
Hel. net # 20	0	5:20	5:56	

11-5314

NOTES

Vertical, surface, 1 1/2 m. Shae
 net, 1000 m. K.
 Hel. net except vertical towed 30 min.

Station No. C 20108

Date: Apr. 15

1910

Hour: 8:50 A. M. to 8:45 A. M.

Position: Lat. 41° 57' N Long. 66° 05' W
Chart H.O. 741

Locality:

Depth: 130 m Bottom: — Sample: —

Wind: Direction, 55 W Force, 11-51 = 10.6

Sea: Choppy Sky: Cloudy

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	15.1						GB
0	Tycosa A	3.9	—	+1.5	4.17	✓	
10	"	3.70	7.5	-1.0	3.70	✓	
50	"	3.20	7.5	-1.0	3.08	✓	4
130	" 21570	3.80	7	-1.05	3.75	✓	8
Apr 15 5:50 PM 130 m							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth <i>Meters</i>	TIME		Speed
		Down	Up	
1000 ft. 1000 ft. 1200 ft.	135-0			
	0			

11-5314

NOTES

vertical pair Calanus
No other specimens
Younger specimens found in same

Station No. *11-20139* Date: *Feb 14* 191*3*

Hour: *5.00* P. M. to *5.55* P. M.

Position: Lat. *41° 17' N* Long. *66° 27' W*
Chart 40 741

Locality: *George's Bank, S. side*

Depth: *150 m.* Bottom: *—* Sample: *—*

Wind: Direction, *SSW* Force, *6*

Sea: *Choppy* Sky: *Cloudy*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>0</i>	<i>BS #</i>						
<i>0</i>	<i>2007</i>	<i>37.0</i>		<i>+1.5</i>	<i>41.7</i>	<i>✓</i>	
<i>20</i>	<i>N2-20072</i>	<i>3.78</i>	<i>8</i>	<i>-1.5</i>	<i>3.63</i>	<i>✓</i>	
<i>40</i>	<i>" 20875</i>	<i>5.12</i>	<i>7.5</i>	<i>-1.08</i>	<i>3.14</i>	<i>✓</i>	
<i>100</i>	<i>" 20874</i>	<i>4.32</i>	<i>7.5</i>	<i>-1.10</i>	<i>4.22</i>	<i>✓</i>	
<i>150</i>	<i>" 21075</i>	<i>6.55</i>	<i>8</i>	<i>-1.08</i>	<i>6.47</i>	<i>✓</i>	
<i>100 m. 7.9</i>							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:
 REMARKS: 11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
1/2 M Vertical	155-0			
1/2 M Vertical	0	5:30	5:35	

11-5314

NOTES

Too rough for net
Vertical 1/2 M.

Net 1/2 M to 20 min

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Vertical (1/2 m)	800			
10m	500	7:01	7:05	
At. net	0	7:05	7:05	

11-5314

NOTES

Surface, 50m 50m
meter, scanty

many eggs

At. net, vertical, 10m

7.23

Station No. 0-201 Date: April 1910

Hour: 1:15 A. M. to 2:30 A. M.

Position: Lat. 41° 58' 00" N. Long. 66° 42' 00" W.
Chart 4094

Locality:

Depth: 70 meters Bottom: — Sample: —

Wind: Direction, N x W Force, 1

Sea: Bumpy Sky: Partly cloudy

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	2200 A	39.0	—	+1.5	41.7	✓	EP
10	2208 A	3.69	5	-0.1	3.79	✓	4
20	2208 B	3.80	5	-0.1	3.70	✓	6
30	2208 C	3.84	5	-0.1	3.74	✓	5

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency: REMARKS: 11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
V. t. (1/2 m.)	650	7:15		
1/2 m. 50 m. 40°	2000	1:15	2:21	
1/2 m. 200	2	1:55	2:25	

11-5314

NOTES

Many eggs

1/2 m. 50 m. 40°

Station No. 20112 Date: Aug 17 1917

Hour: 5:35 A . M. to 7:35 A . M.

Position: Lat. 42° 23' 00" N Long. 68° 02' 00" W
Chart C + 65 1106

Locality: _____

Depth: 290 m Bottom: — Sample: —

Wind: Direction, N x E Force, 2

Sea: — Sky: — Air 40 = 4.44

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	Tycos 38	3.8	—	+1.5	3.61	✓	624
20	M2, 21575	3.40	4	-0.01	3.39	✓	8
40	" 20872	3.30	4.5	-0.04	3.26	✓	6
100	" 20872	3.24	5	-0.09	3.15	✓	5
150	" 20872	3.25	4	+0.03	3.28	✓	6
225	N2, 20874	4.66	5	-0.06	4.60	✓	1
290	" 20872	4.64	5	-0.14	4.50	✓	1
290	" 20872	5.07	4	—	—	✓	8
175	" 20874	5.20	4	-0.01	5.19	✓	4
225	" 20872	4.60	5	-0.09	4.51	✓	1
279	" 20872	4.70	3.5	+0.03	4.73	✓	1

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: _____ Transparency: _____

REMARKS: _____

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Vertical (1/2 hr)	290-0	7:00	7:13	
1/4 hr. 11-125m. ✓	125-0	7:00	7:13	
1/4 hr. 11-125m. ✓	125-0	7:00	7:13	
1/4 hr. 11-125m. ✓	125-0	7:00	7:13	
20				

11-5314

NOTES

Vertical haul taken 1/2 hr. 11-125m. -
 (1/4 hr. 11-125m. 20m. hauls)
 Superficial, rich, fine, silty
 Deep hauls, many large eggs
 All 7 to 10 m. vertical hauls taken.

725

Station No. *C-20112* Date: *April 17* 191*2*
 Hour: *1:00* P. M. to *2:00* P. M.

Position: Lat. *42° 52' 00" N* Long. *67° 00' 00" W*
Chart C & G S 11061

Locality:

Depth: *2.5 fathoms* Bottom: *-* Sample:

Wind: Direction, *NNE* Force, *7.22*

Sea: *Smooth* Sky: *Cloudy*

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correction	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>B 24</i>	<i>37.5</i>		<i>0.1</i>	<i>37.4</i>		<i>GB</i>
<i>20</i>	<i>H. 2,20873</i>	<i>2.98</i>	<i>4.</i>	<i>0.10</i>	<i>2.88</i>	<i>✓</i>	
<i>25</i>	<i>" 21575</i>	<i>2.95</i>	<i>4.5</i>	<i>0.02</i>	<i>2.93</i>		
<i>30</i>	<i>" 21575</i>	<i>4.40</i>	<i>4.5</i>	<i>-0.08</i>	<i>4.32</i>		
<i>100</i>	<i>R. 111490</i>	<i>5.14</i>	<i>4</i>	<i>0.02</i>	<i>5.16</i>		
<i>200</i>	<i>H. 2,20873</i>	<i>45.20</i>	<i>4.5</i>	<i>-0.04</i>	<i>45.16</i>		<i>-1</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: 11-5314

NETS, ETC., USED

Description	Depth Meters	TIME		Speed
		Down	Up	
Vertical (1/2 m)	230-0			
1/2 m. net	130-0	1:25	2:30	
1/2 m. net	60-0	1:50	2:25	
Hel. net # 20	0	2:00	2:25	

11-5314

NOTES

Vertical, 1/2 m. net
1/2 m. net very slowly
1/2 m. net, 1/2 m. net
surface net, towed 25 min.

Station No. *C-20114* Date: *April 7* 191*2*Hour: *8:00* . M. to *9:21* . M.Position: Lat. *11° 14' N* Long. *68° 45' W*
Chart 65 1106

Locality:

Depth: *180 meters* Bottom: *—* Sample: *—*Wind: Direction, *NNE* Force, *2* *6.67*Sea: *Smooth* Sky: *Clear*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>KS #</i>						<i>6 L</i>
<i>0</i>	<i>2205 A</i>	<i>37.5</i>	<i>—</i>	<i>+1.5</i>	<i>31.33</i>	<i>✓</i>	
<i>20 Meters</i>		<i>31.3</i>	<i>4.5</i>	<i>-1.2</i>	<i>32.5</i>	<i>✓</i>	<i>8</i>
<i>40 Meters</i>		<i>27.1</i>	<i>3</i>	<i>0</i>	<i>27.1</i>	<i>✓</i>	<i>10</i>
<i>60 Meters</i>		<i>41.0</i>	<i>3</i>	<i>+1.2</i>	<i>42.2</i>	<i>✓</i>	<i>10</i>
<i>80 Meters</i>		<i>51.0</i>	<i>4</i>	<i>-0.4</i>	<i>51.4</i>	<i>✓</i>	<i>4</i>

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11-5314

Under way at 8:00 AM - 9:21 AM

NETS, ETC., USED

Description	Depth Meters	TIME		Speed
		Down	Up	
Vertical (200)	175-0	7:10		
Multicable 150m. <40	125-0	7:05	7:30	
Closing (open haul)				
Net out 2		7:05	7:10	
# 20				

11-5314

NOTES

Water scanty
all net, except net, 1, towed 25 min

1 Apr 2 13-100m

(4-7) Hippocampus
42° 45' - 67° 17'

3 net Trawl 200m. 1st net
2nd net, 1st net
1st egg.

1st net, 1st net, 1st net
1st net, 1st net, 1st net

Station No. 0 2005 Date: 191

Hour: 3:40 A . M. to 5:18 A . M.

Position: Lat. 42° 3' 00" N Long. 19° 32' 30" W
Chart 61106

Locality:

Depth: Bottom: Sample:

Wind: Direction, NNE Force, 5

Sea: Choppy Sky: Clear

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf		38.			36.1	✓	
20	NZ. 21575	3.32	3.5	-.01	3.31	✓	
40	" "	3.20	3	0	3.20	✓	
100	" 20873	3.10	3	-.08	3.02	✓	
150	" 20872	5.40	3	-.02	5.38	✓	
200	R. 11499	5.30	2.5	+ .01	6.4	✓	
250	NZ. 20874	4.94	3	-.01	4.93	✓	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth miles	TIME		Speed
		Down	Up	
Vertical (1/2 m) 41°	295-0	4:11		
11 etc, 41° 35'	295-0	4:15	5:15	
Hel. #70	0	4:40	5:10	

11-5314

NOTES

Diatoms clog the net
by drawing. Got 500
m. depth - about 20 min.

Station No. *1120116* Date: *July 18* 191*0*

Hour: *9:55 A* . M. to *11:10 A* . M.

Position: Lat. *42° 13' N* Long. *68° 28' W*
Chart C & G S 1106

Locality:

Depth: *200 m* Bottom: *—* Sample: *—*

Wind: Direction, *NE* Force, *5*
Air 111 = 6.67

Sea: *Choppy* Sky: *Clear*

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>0</i>	<i>2405 A</i>	<i>38.</i>	<i>—</i>	<i>+1.5</i>	<i>3.61</i>	<i>✓</i>	<i>52</i>
<i>200 m</i>	<i>2405 A</i>	<i>3.75</i>	<i>4</i>	<i>-1.0</i>	<i>3.65</i>	<i>✓</i>	<i>52</i>
<i>11</i>	<i>2405 A</i>	<i>3.2</i>	<i>4</i>	<i>-1.1</i>	<i>3.18</i>	<i>✓</i>	<i>52</i>
<i>11</i>	<i>2405 A</i>	<i>3.41</i>	<i>3</i>	<i>+1.01</i>	<i>3.42</i>	<i>✓</i>	<i>52</i>
<i>11</i>	<i>2405 A</i>	<i>4.00</i>	<i>4</i>	<i>-1.01</i>	<i>4.25</i>	<i>✓</i>	<i>52</i>
<p><i>Specific Gravity Surf. 8</i> <i>145 m 7.4</i></p>							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Vertical (1/2 in)	200-0			
11-15	175-0	11:10		
11-15	175-0	11:10		
11-15	175-0	11:10		
11-15	175-0	11:10		

11-5711

NOTES

Bottom

Net towed 25 min.
Surface net towed 20 min.

Station No. 117 Date: 1913

Hour: 1:00 P. M. to 1:55 P. M.

Position: Lat. 41° 15' N Long. 68° 5' 00" W

Locality: Off Cape Cod Chart 65 1106

Depth: Bottom: Sample:

Wind: Direction, N + E Force, 4

Sea: Rough Sky: Clear

Alt 47 = 8133

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	Therm A	38.0	—	+0.5	37.5	✓	612
10	Therm B	37.5	4	-0.1	37.4		
20	Therm C	37.0	3	0	37.0		
30	Therm D	36.5	4	-0.1	36.4		
At bottom by surface, 3							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Vertical (1/2 m)	1.5 m	1:20	1:20	
1/2 m	1.5 m	1:20	1:20	
1/2 m	1.5 m	1:20	1:20	
#70	1.5 m	1:20	1:20	

11-5314

NOTES

Net was pulled to level 2 m.
 1. 1/2 m.
 All net, except vertical to level 2 m.

1. 1/2 m.
 Apr. 19 while at anchor. Provisional.

Wind: Direction, *N 10 E* Force, *1*
 Sea: *Smooth* Sky: *Alt 55 = 12.74*
Clear

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	R. 11499	39.5		+0.5	40.0	✓	
15	R. 11499	3.76	4.	0	3.76	✓	10
28	R. 11499	3.52	4.5	-0.1	3.42	✓	4

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

NETS, ETC., USED

Description	Depth <i>Meters</i>	TIME		Speed
		Down	Up	
		<i>11:00</i>		
<i>11:00 200 125</i>	<i>15-0</i>	<i>11:04</i>	<i>11:50</i>	
<i>1/2 m 200 125</i>	<i>15-0</i>	<i>11:12</i>	<i>11:50</i>	

NOTES

all nets towed 30 min.

Water 6 qnts D. l. ...
Sample ...
... ..

Station No. *C 20119*

Date: Apr. 20

19170

Hour: 8:25 . M. to 10:00 . M.

Position: Lat. 42-18

Long. 70-28

Locality:

Depth: 90 m Bottom:

Sample: [Microsoft Word 2010](#)

Wind: Direction, *SW x S*

Force, 1-2

Sea: 27.504

Sky: *clear*

TEMPERATURES

Depth meters	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	B. S. #						
0	205 A	38.		+0.5	3.61	✓	
20	N.2, 20872	2.98	6.0	-.11	2.87	✓	5
40	" 20874	1.7	5.0	-.12	1.58	✓	4
80	R.11499	1.8	3.5	-.02	1.78	✓	10

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5114

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
Vertical (1/2 m)	90-0	PM		
Net station 240	4-0	8:55	9:27	
420 220	0	9:00	1:00	

11-5314

NOTES

meter net towed 30 min.
Surface net, towed 25 min.

Haddock Bay Station

Station No. 020120

Date: May 11

1917

Hour: 10:20 A. M. to 3:25 P. M.

Position: Lat. 42-27

Long. 70-25

Chart. H.O. 9411

Locality:

Depth: 70-50m Bottom:

Sample:

Wind: Direction, NE

Force, 3

Air 46 = 7.78

Sea: rough

Sky: cloudy (rain)

TEMPERATURES

Depth meters	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	Ty 121	43.5		0	6.39		
5	R 11500	6.10	6.5	+0.2	6.1		
10	42200	5.70	5.5	-0.2	5.5		
15	" 20874	6.00	6.0		5.71		
20	" 20874	4.52	6.0		4.67		2
30	" 20874	4.60	6.0	-0.8	4.52		4
50	R 11500	4.00	6.5		3.76		
70	" 11498	2.80	7.0	-0.8	2.72		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Because of rapid depth, general

11-5311

attempts are made with the bottles; for 30 m. 1st bottle
retrieved to 30 m. in 10 minutes. The 2nd bottle was
then sent out under 70 m. was also in

Daylight saving time

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
Vertical 1/2 m	45.0	PAT		
Miter/outlet 200	40.0	1:15	2:00	
Closing net 15 m	25	1:15	1:55	
" " " 15 m	15-10	2:45	3:25	
#20 1/2 m (#6)	0	2:45-3:20		

11-5314

NOTES

Net not put down to bottom - will
 check again when net is being used.

"Daylight saving" time - station
 Eastern time 1 hour earlier.

Miter closing net found 30 m
 surface net 35 m.

"Daylight" - Standard Time

Station No. C 20121

Date: May 4

1912

Hour: 8:30 P. M. to 10:25 P. M.

Position: Lat. 42-27

Long. 70-25

Chart H 8941

Locality:

Depth: 60 m

Bottom: —

Sample: —

Wind: Direction, NNE

Force, 2

Air 46 = 7.0

Sea: choppy

Sky: clear

TEMPERATURES

Depth meters	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	Tycos "A"	42.1	—	0	5.56	✓	6B
30	" "	41.10	8.6	-.1	3.92		
60	" "	2.50	6.5	-.1	2.39		

Algalinity surface 8.15
" 60m 8.15

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Vertical (1/2 m)	5-0	p/v		
Muler (cable out 20m)	33-0	9:10	9:45	
Closing net (cable out 20m)	17	9:12	9:40	
#20 } 1211 (#6)	0	9:00	9:30	
Closing net	15-6	9:55	10:20	

11-5314

NOTES

Copepods Legion

All nets except vertical 5-0 m

5.0

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
Vertical (1/2 m)	15-0	AM		
110' net, 15' San 25-15	15-0	12:15	12:25	
Closing (about 40m) 25-15	33-21	12:15	12:20	
20		12:15	12:25	
Closing net, about 20	20	12:25	12:35	
80' otter trawl (about 1 meter)	15-5	12:55	1:05	

11-5314

NOTES

- Vertical net, stayed somewhat
- 110' net, 15' San 25-15
- Closing (about 40m) 25-15
- 20
- Closing net, about 20
- 80' otter trawl (about 1 meter)
- 110' net, 15' San 25-15
- Closing (about 40m) 25-15
- 20
- Closing net, about 20
- 80' otter trawl (about 1 meter)
- 110' net, 15' San 25-15
- Closing (about 40m) 25-15
- 20
- Closing net, about 20
- 80' otter trawl (about 1 meter)

Station No. 20123

Date: May 11

1912

Hour: 11:40 P. M. to 12:20 P. M.

Position: Lat. 42° 27' 30" Long. 70° 43'

Chart C + GS 1107

Locality: North, Boston Light

Depth: 55 m Bottom: — Sample: —

Wind: Direction, E Force, 1

Sea: smooth Sky: clear

TEMPERATURES

Depth meters	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	Tyco A	18.0	—	0	8.89	✓	SP
20	112 2127	5.05	10.0	-0.5	4.53	✓	5
55'	" 20874	2.50	9.0	-0.15	2.35	✓	4
Alkalinity surface 8.0							
" 55 m. 7.9							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

Time one hour earlier

NETS, ETC., USED

Description	Depth <i>meters</i>	TIME		Speed
		Down	Up	
<i>Vertical (1/2 hr.)</i>	<i>55-0</i>	<i>AM</i>	<i>PM</i>	
<i>#20</i>	<i>0</i>	<i>11:55</i>	<i>12:15</i>	

11-5314

NOTES

#20 towed 20 min

Station No. C 20121

Date: Nov 10

191

Hour: 2:55 P. M. to 5:25 P. M.

Position: Lat. 42-28 Long. 70-18
Chart C+65 1107

Locality:

Depth: 100 m Bottom: Sample:

Wind: Direction, SE Force, 1

Sea: smooth Sky: clear

Air 66 = 18.89

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	B	49.5		0	9.72		
2	R 111112	5.1	7.0	+0.2	5.12	✓	
40	N2 20874	3.00	7.0	-0.1	2.99	✓	
100	" 20872	2.80	7.5	-0.15	2.65	✓	
Alkalinity surface 7.9							
" 100 m 7.9							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

time one hour later

17

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
75' (hand lowered) (about 270m)	bottom	3:20	5:00	
Vertical (12m)	100-0			
Net pulled up at 11am 50	72-0	5:15	6:18	
Closing net at 60m 50	40	5:25	6:25	
Net pulled up at 60m 50	0	5:55	6:15	

11-5314

NOTES

The net hung up on bottom after 10 min. tried
to pull it up but failed. Net was 4 ft. from
bottom. Net was pulled up and put back
again.

Net was pulled up at 11am 50m. Net was
pulled up at 11am 50m. Net was pulled up at 11am 50m.

Trawl towed 1 hour 15 min.

Net pulled up at 11am 50m. Net was pulled up at 11am 50m.

Station No. *C 20125* Date: *Nov. 16* 191*2*

Hour: *10:50 P. M.* to *12:00 A.M.*

Position: Lat. *42-00* Long. *69-41*

Locality: *off C. coast*

Depth: *140 m* Bottom: *—* Sample: *—*

Wind: Direction, *SSE* Force, *1*

Sea: *smooth* Sky: *clear*

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>B.S. #</i>						<i>23</i>
<i>5</i>	<i>Tyler A</i>	<i>18.5</i>		<i>1.0</i>	<i>7.17</i>		
<i>20 N</i>	<i>11491</i>	<i>3.95</i>	<i>11</i>	<i>-.2</i>	<i>3.75</i>		
<i>115 R</i>	<i>11500</i>	<i>3.90</i>	<i>10</i>	<i>-.12</i>	<i>3.78</i>		
<i>100</i>	<i>" 11498</i>	<i>3.70</i>	<i>10</i>	<i>-.12</i>	<i>3.58</i>	<i>✓</i>	
<i>140 N</i>	<i>11494</i>	<i>4.20</i>	<i>11</i>	<i>-.16</i>	<i>4.04</i>		<i>4</i>
<i>18 m. surface 7.9</i>							
<i>" 140 m. 7.9</i>							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

Eastern time one hour earlier

NETS, ETC., USED

Description	Depth Meters	TIME		Speed
		Down	Up	
Vertical (1/2 m)	140-0	PM		
120 m - 35	130-0	11:35	12:00 PM	
Closing, open, catch, bottom 35	120-0	11:35	11:55	
Mitts #20 }	0	11:35	11:55	

11-5314

NOTES

Copepods "legion"
all net, 1/2 m vertical towed 20 min

Station No. 620121

Date: Nov 17

191

Hour: 3:20 A . M. to 4:40 A . M.

Chart C & GS 1107

Position: Lat. 41-38-30 Long. 69-22

Locality: Near edge of shelf

Depth: 160 m Bottom: Sample:

Wind: Direction, SE Force, 1
Air 55 = 12.78

Sea: Sky:

TEMPERATURES

Depth meters	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	Thermos "A"	47.0	—	0	8.33	✓	GB-11
20	NZ 20872	6.10	10.0	-1.20	5.90	✓	5
40	R 11500	4.40	9.0	-1.10	4.30	✓	6
100	NZ 20873	3.80	9.5	-1.20	3.60	✓	2
160	" 20874	4.20	7.5	-1.10	4.10	✓	7
Conductivity surface 7.9 " 160 m 7.9							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Station No. *C 20127* Date: *May 17* 191*26*

Hour: *7:15 A.M.* to *8:40 P.M.*

Chart C+GS 1107

Position: Lat. *41-20*

Long. *69-55-30*

Locality: *North edge Longue Pointe*

Depth: *145 m* Bottom: *—*

Sample: *—*

Wind: Direction, *SW*

Force, *1*

Air 55 = 12.78

Sea: *smooth*

Sky: *clear*

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>0</i>	<i>Tycos A</i>	<i>45.0</i>	<i>—</i>	<i>0</i>	<i>7.22</i>	<i>✓</i>	<i>SB</i>
<i>20</i>	<i>NZ 20872</i>	<i>5.95</i>	<i>10.0</i>	<i>0</i>	<i>5.75</i>	<i>✓</i>	<i>3</i>
<i>40</i>	<i>R 11500</i>	<i>4.20</i>	<i>9.0</i>	<i>-10</i>	<i>4.10</i>	<i>✓</i>	<i>8</i>
<i>100</i>	<i>NZ 20872</i>	<i>4.00</i>	<i>7.0</i>	<i>-10</i>	<i>3.90</i>	<i>✓</i>	<i>2</i>
<i>145</i>	<i>" 20874</i>	<i>3.90</i>	<i>7.0</i>	<i>-10</i>	<i>3.80</i>	<i>✓</i>	<i>4</i>
<p><i>alkalinity surface 7.9</i> <i>" 145 m 7.9</i></p>							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

Earlier time 6:20

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
Vertical (1/2 m)	145-0	8:11		
1/2 m cable net 130m	25 105-0	8:00	8:10	
Towing net 65m	25 54-0	8:00	8:11	
Net	}	8:00	8:11	
Net				

11-5314

NOTES

11:00 - 6:30, fine weather.
 All nets, large vertical towed 10 min

"Agassiz" David L. Smith

Station No. 128 Date: May 17 1910

Hour: 2:30 P.M. to 5:20 P.M.

Position: Lat. 40-34 Long. 68-52-30
Chart C & 651107

Locality: Western edge of 12 mile
National Bank

Depth: 70 m Bottom: Sample: —

Wind: Direction, SW Force, 1
Air 58 = 14.4
Sea: smooth Sky: clear

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	Tyco A	46.0	—	0	7.78	✓	6B st
20	NZ 20872	5.80	12.5	-.25	5.55	✓	5
40	R 11500	5.50	11.	-.10	5.40	✓	8
70	NZ 20874	5.20	12	-.16	5.04	✓	4
At surface 7.9							
" 20 m 8.1							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
75' vertical ascent 270m	60-0	2:50	4:20	
net 1/2 m	70-0			
1/2 m net 50m	40-0	5:00	5:30	
50m net, 40m net	20-0	5:00	5:15	
Net 1/2 m	0	5:00	5:30	
#20				

11-5311

NOTES

Have found 1 1/2 hours - 7000

Plumobroschia in net haul
but no small others.

1/2 meter, 1/2 meter, 1/2 meter, 1/2 meter, 1/2 meter.

Station No. *20129* Date: *11/24/17* 191*7*

Hour: *8:31* P. M. to *10:00* P. M.

Position: Lat. *40-05* Long. *69-03-22*
Chart C+GS 1107

Locality:

Depth: *170 m* Bottom: *—* Sample: *—*

Wind: Direction, *SW* Force, *1*
Air 54 = 12.2

Sea: *smooth* Sky: *Clear, hazy*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>B.S.</i>	<i>46.0</i>		<i>0</i>	<i>7.78</i>	<i>✓</i>	<i>C.P.</i>
<i>1.0</i>	<i>NZ 20872</i>	<i>7.70</i>	<i>9.0</i>	<i>-.14</i>	<i>7.56</i>	<i>✓</i>	<i>5</i>
<i>3.0</i>	<i>" 20874</i>	<i>5.40</i>	<i>10.0</i>	<i>-.12</i>	<i>5.28</i>	<i>✓</i>	<i>4</i>
<i>9.0</i>	<i>" 20873</i>	<i>7.50</i>	<i>9.5</i>	<i>-.18</i>	<i>7.32</i>	<i>✓</i>	<i>2</i>
<i>16.0</i>	<i>" 20872</i>	<i>8.40</i>	<i>8.5</i>	<i>-.12</i>	<i>8.28</i>	<i>✓</i>	<i>5</i>
<i>30</i>	<i>" 20873</i>	<i>5.50</i>	<i>7.0</i>	<i>-.17</i>	<i>5.33</i>	<i>—</i>	<i>2</i>
<i>Altimeter 160 m 7.9</i>							

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Surf to 160 m*
note surface current to 160 m

Time one hour earlier.

NETS, ETC., USED

Description	Depth meters	TIME		Speed
		Down	Up	
Vertical (1/2 m)	160 - 0	PM		
Trawl cable mt 150 m	40 160 - 0	9:11	10:00	
Crabnet cable 13 m	40 50 - 0	9:40	9:55	
Miter net #20	0	9:40	9:55	

11-5314

NOTES

All nets about vertical toward 13 m.

Many salpsae in miter net. 1st part of haul put into 94 jar & 1 bottle.

11.1
3.4
11.4
23

11.6
2.7

81
232
31.3
10.7

Station No. C 20130

Date: May 19

1912

Hour: 7:50 A. M. to 8:40 A. M.

Position: Lat. 37-50 Long. 74-08

Chart C + GS 1109

Locality:

Depth: 150 m Bottom: —

Sample: —

Wind: Direction, SSW Force, 1

Air 60 = 15.6

Sea: smooth

Sky: cloudy

TEMPERATURES

Depth meters	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	B. S. #	12.5	—	+0.5	12.02		
25	NZ 20874	9.75	12.5	0	9.75	✓	
40	" 20874	9.80	11.5	+0.2	9.60	✓	
100	" 20873	9.65	12.0	-0.7	9.48	✓	
180	" 20873	9.29	11.5	-0.8	9.11	✓	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

NOTES

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

[illegible]

91—5314

NOTES

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat.	Long.
----------------	-------

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

191

. M.

Long.

Locality:

Sample:

Force,

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Transparency:

REMARKS:

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat.	Long.
----------------	-------

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

191

. M.

Long.

Locality:

Sample:

Force,

Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Transparency:

REMARKS:

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat.	Long.
----------------	-------

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

21—5314

NETS, ETC., USED

[illegible]

11—5314

NOTES

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

[illegible]

11—5114

NOTES

Station No. _____

Date:

191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5014

NOTES

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—[211-4]

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5311

NOTES

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat.	Long.
----------------	-------

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

191

Sea: Sky:

[illegible][illegible]

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Station No.

Date:

191

Hour: . M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

191

Sea: Sky:

Depth	Thermometer — Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used

[illegible]

Station No.

Date:

191

Hour:

. M. to

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

[illegible]

11—5314

NOTES

